Iris Du

780-729-9121 | 10110 120St NW Edmonton | [email](mailto:) | [github] | [portfolio]

TECHNICAL SKILLS

Programming Languages: Python, SQL, JavaScript, TypeScript, Java, C
Frontend Development: React.js, Next.js, HTML, CSS, SCSS
Backend Development: Django, Fast API, Express, Node.js
Database: MongoDB, SQLite, MySQL, PostgreSQL
APIs: RestAPIs
Libraries: Redux, Tailwind, Bootstrap
Version Control: Git
Data Analysis & Visualization: PowerBI
DevOps Tools: Docker, AWS, Heroku, Cybera

EDUCATION

University of Alberta · Edmonton, AB
Bachelor of Science: Computing Science With Specialization · *June 2023*

AWARDS

September 01, 2021: University of Alberta Undergraduate Scholarship

September 01, 2021: Canadian Information Processing Society Scholarship

CERTIFICATES

AWS Certified Cloud Practitioner - **[View Certificate]**

Udemy The Web Developer Bootcamp 2023

EXPERIENCE

Full Stack Developer - Intern [(demo)] · January 2023 – April 2023
SkillCity · *Edmonton, AB*

- Developed comprehensive platform features for career opportunity discovery.
- Responsible for both the backend and frontend functionalities for company users, enabling them to post, view, edit, and delete opportunities and view matched applicants.
- Implemented a filtering system to sort recommended applicants based on their profiles.
- Technologies used: Typescript, Python, Next.js, React.js, Django, RESTful APIs, Docker, Visual Studio Code, git, HTML, CSS, JavaScript, Docker, Cybera, Tailwind, Jest, PostgreSQL.

PROJECTS

Social Distribution (CMPUT404-Web Applications and Architecture) [(github)] · Sept 2022 – Dec 2022

- Developed a user-friendly social media platform for photo sharing and fostering meaningful interactions through comments and discussions.
- Enabled users to create and customize profiles, post images, and engage with others via comments and likes.
- Technologies: Python, React.js, FastAPI, HTML, CSS, JavaScript, Docker, Heroku, MongoDB, git, Rest API.

Note Taking Application

- Developed a web-based note-taking application where users can create, view, edit, and delete notes.
- Technologies: Java, Spring Boot, Gradle, HTML, CSS.

Student Information Analysis System

- Utilized PowerBI for data visualization.
- Utilized SQLite for lightweight and efficient database management, ensuring fast query performances.
- Facilitated user interaction features including the search for student profiles via unique ID and the ability to delete specific student records.
- Technologies: SQLite, Python, SQL, PowerBI.

Recipe Sharing Platform
- Created an application for users to create, share, rate, and comment on recipes, offering a communal platform for food enthusiasts.
- Implemented features for recipe management and user interaction.
- Technologies: React.js, Typescript, Javascript, Node.js,MongoDB, Bootstrap, HTML, CSS, git.

Task Manager
- Developed a task manager app allowing users to add, edit, and delete tasks.
- Focused on creating an intuitive user interface for effective task management.
- Technologies: React.js, MongoDB, Node,js, Tailwind, Typescript, HTML, CSS, Javascript.

Nodejs-WebSocket: Phase Game
- Implemented a basic Phase game leveraging WebSocket for real-time server to client communication.
- Focused on ensuring seamless gameplay and interaction.
- Technologies: TypeScript, JavaScript, git, HTML.

Online Editor and File Browser
- Developed an online editor and file browser app for creating, deleting, editing, copying, and pasting files/folders.
- Ensured a user-friendly interface and efficient file management.
- Technologies: React.js, Redux, Bootstrap, git, HTML, CSS, Javascript.